Index of Claims

| App | lica | tion | Contr | ol No. |
|-----|------|------|-------|--------|
|-----|------|------|-------|--------|

09/774,352

09/7/4,352 Examiner

Charles Kyle

Applicant(s)/Patent under Reexamination

BERGER ET AL.

Art Unit

3624

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | •                              |

Restricted

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim             | Date          |         |                     |                 | Cla           | im                      |          | Date  |          |                 |          |         |          |   | CI            | aim         | Date     |          |            |                 |          |          |          |          |          |          |           |          |
|-------------------|---------------|---------|---------------------|-----------------|---------------|-------------------------|----------|-------|----------|-----------------|----------|---------|----------|---|---------------|-------------|----------|----------|------------|-----------------|----------|----------|----------|----------|----------|----------|-----------|----------|
|                   | 1             |         |                     |                 |               |                         |          |       | <u> </u> |                 |          |         |          |   |               |             |          |          | ㅁ          |                 |          | :        | ı        |          |          |          |           | I        |
| Final<br>Original | 7/18/05       |         |                     |                 |               |                         |          | Final | Original |                 |          | ł       |          |   |               |             |          | Final    | Original   |                 |          |          |          | - 1      | - 1      |          |           | -        |
| 년   년             | ١ŝ١           |         |                     |                 |               |                         |          | ιΞ    | Ä        |                 |          |         |          |   |               |             |          | Œ        | Öriç       |                 |          |          |          | - 1      |          |          |           |          |
|                   |               |         |                     |                 |               |                         |          |       |          |                 |          |         |          | $\sqcup$                                      |               | Ц_          |          |          |            | $\Box$          | _        |          | _        |          | _        | $\dashv$ | _         | _        |
| 1                 | √             |         |                     |                 |               |                         |          |       | 51       |                 |          |         | $\bot$   |   |               |             |          |          | 101        |                 | _        | _        | _        | _        | _        | _        | $\dashv$  | _        |
| 2                 | 1             |         |                     |                 |               |                         |          |       | 52       | $\Box$          |          |         |          | Ш   | _             |             |          |          | 102        |                 | _        |          | _        |          | _        | 4        | 4         | _        |
| 3                 | 1             |         |                     |                 |               | $\Box$                  | _        |       | 53       |                 |          |         |          |   | _             | <b>-</b>    |          |          | 103        |                 | _        | _        |          | _        | _        | _        | 4         | 4        |
| 4                 | V             |         |                     |                 |               |                         | _        |       | 54       |                 | _        |         | <u> </u> | $\sqcup$                                      | $\perp$       | 4_          |          |          | 104        | $\sqcup$        | _        | _        | _        | _        | 4        | $\dashv$ | _         | -        |
| 5                 | 1             |         |                     |                 | $\bot$        |                         | _        |       | 55       | Li              | 4        | _       | _        |   | _             |             |          |          | 105        |                 | -        |          | _        |          |          | $\dashv$ | $\dashv$  | 4        |
| 6                 | 1             |         |                     |                 | $\perp$       |                         | _        |       | 56       |                 | _        | _       | $\bot$   |   |               | 1           |          |          | 106        | $\sqcup$        |          | -        | _        | _        |          | _        | $\dashv$  | 4        |
| 7                 | 1             |         |                     | _               | $\perp$       | $\sqcup$                | _        |       | 57       | _               |          | _       | _        | 1   | _             | 4           |          |          | 107        | _               |          | -        |          |          |          | -        |           | -1       |
| 8                 | 1             |         |                     | _               | $\perp \perp$ |                         | _        |       | 58       | _               | _        | _       |          | $\sqcup$                                      |               | +-          |          |          | 108        | -               | -        | _        | 4        |          | $\dashv$ | -        | -         |          |
| 9                 | V             | _       |                     |                 | $\bot$        | <u> </u>                | 4        |       | 59       |                 | -        | _ _     | -        | $\sqcup$                                      | -             | _           |          |          | 109        | $\vdash$        | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | -+       | $\dashv$  | ᅱ        |
| 10                | ٧             |         |                     |                 |               |                         | 4        |       | 60       |                 | _        |         | $\bot$   | $\vdash$                                      | -             | 4           |          |          | 110        | $\vdash$        | $\dashv$ |          |          |          | $\dashv$ | -        | $\dashv$  | ᅴ        |
| 11                | ٧.            |         | $\sqcup$            |                 | +             | $\sqcup \!\!\!\! \perp$ | 4        |       | 61       | $\vdash$        | 4        | -       | -        | $\sqcup$                                      | -             | +-          |          |          | 111        | $\vdash \vdash$ | -        |          | $\dashv$ |          |          |          | $\dashv$  | $\dashv$ |
| 12                | ٧,            | $\perp$ | $\sqcup$            |                 | $\dashv$      |                         |          |       | 62       |                 | _        |         | +        | $\sqcup$                                      |               | +-          |          |          | 112        | $\vdash \vdash$ | -        | _        |          | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ |
| 13                | V             |         | $\sqcup$            | 4               | +             | $\vdash \vdash$         | 4        |       | 63       | $\vdash \vdash$ |          | +       | -        | +   | +             | +           |          |          | 113        | H               | $\dashv$ | -        |          |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| 14                | ٧             | _       | $\vdash \downarrow$ | $\perp$         | +             | -                       | 4        |       | 64       | $\sqcup$        |          |         | +        | $\vdash$                                      | -+            | +           |          |          | 114        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -+        | ᅴ        |
| 15                | V             |         | $\sqcup$            |                 | +             |                         | _        |       | 65       | $\vdash$        | -        |         |          |   | +             | +           |          |          | 115        | $\vdash$        |          | $\dashv$ |          |          |          | $\dashv$ | $\dashv$  | $\dashv$ |
| 16                | 1             |         | $\sqcup$            | _               | $\dashv$      | $\vdash \vdash$         | _        |       | 66       | $\vdash \vdash$ | _        | -       |          | $\vdash \vdash$                               |               |             |          |          | 116        | $\vdash \vdash$ | -        | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$  |          |
| 17                | 1             | +       |                     |                 |               | $\vdash$                | 4        |       | 67       | $\vdash$        | -        | +       |          | ++  | +-            | +-          |          |          | 117<br>118 | <del>├</del> ┤  | -        | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$ |
| 18                |               |         |                     | -               | _             | $\vdash$                | 4        |       | 68       | $\vdash$        | -        | -       | -        | ┦   | +             | +-          |          |          | 119        | $\vdash$        | -        |          | -        | -        |          | $\dashv$ | $\dashv$  | ᅱ        |
| 19                | 1-            |         | $\vdash$            | -               | $\perp$       | $\vdash$                | _        |       | 69       |                 | -        | +       | -        | ╁┈┤   | +             | +           | ł        |          | 120        | $\vdash$        | -        |          | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$  | ᅴ        |
| 20                |               |         | $\vdash \vdash$     |                 | +             | $\vdash$                | _        |       | 70<br>71 | Н               | -        | -+      | -        | ╁   | -             | ┿           | liiii    |          | 121        | $\vdash \vdash$ | -        |          | $\vdash$ |          | $\dashv$ |          | $\dashv$  | $\dashv$ |
| 21                |               |         | $\vdash$            |                 | $\dashv$      | $\vdash$                | _        |       | 72       | Н               | -        |         | +        | ╁   |               | +           | liiii    |          | 122        | Н               | $\dashv$ | -        |          |          | -        | $\dashv$ | $\dashv$  | ᅱ        |
| 22                | ┥╌┼           |         | H                   |                 | +             | ╌┼                      |          |       | 73       | $\vdash \vdash$ | -        |         | +        | ╂╼═╢  | -             | +           | 1        |          | 123        | Н               | -        | -        |          |          | -        | -        | $\dashv$  | ᅥ        |
| 23<br>24          | ++            | -       | Н                   |                 | -             | -                       |          |       | 74       | $\vdash$        | $\dashv$ |         | +        | ╁─┤   | -             | <del></del> | ł        |          | 124        |                 | -        | -        |          |          | -        |          | $\dashv$  | $\dashv$ |
| 25                | +-+           | _       | $\vdash$            |                 | +             | $\vdash$                | _        |       | 75       | H               |          | -       | +        | ╂═┼   | -             | +           | 1        |          | 125        | Н               |          |          | $\vdash$ | $\dashv$ |          | -        | 寸         | ᅥ        |
| 26                | +             |         | $\vdash$            | -+              | +             | $\vdash$                | -        |       | 76       | Н               | -        | -       | +-       | ╂═╂   | -             | +           | 1        | -        | 126        | Н               | $\dashv$ | -        | -        |          |          |          | $\dashv$  | $\neg$   |
| 27                | +             |         | $\vdash$            | $\dashv$        | -             | ╁┼                      | $\dashv$ |       | 77       | $\vdash$        | +        | -       | +        | +   |               | +           | 1        | <b>-</b> | 127        | -               | 1        | $\neg$   |          | $\neg$   |          | _        | _         | $\neg$   |
| 28                | +             |         | $\vdash$            |                 |               | <del>     </del>        | $\dashv$ |       | 78       | Н               | _        | _       | +        | $\Box$  |               | 1           | 1        |          | 128        | Н               |          | ┪        |          |          |          | $\dashv$ | $\neg$    | ╗        |
| 29                | +             | -       | -                   |                 | $\dashv$      | $\vdash$                | $\dashv$ |       | 79       |                 | -        | +       | +-       | $\Box$  | _             | +-          |          |          | 129        | $\vdash$        | ヿ        | $\neg$   |          |          |          |          | 寸         | ᅱ        |
| 30                | +-+           | +       | -                   | $\dashv$        | +             | -                       | ᅥ        |       | 80       | H               |          | -       | +        |   | <u> </u>      | _           | 1        |          | 130        | $\vdash$        | 寸        |          |          |          |          | ヿ        | $\neg$    | ヿ        |
| 31                | +-+           | -       | Н                   |                 | +             | $\vdash$                | -        | -     | 81       |                 | $\dashv$ |         | +        | 1 1   | $\neg \vdash$ | -           | 1        |          | 131        |                 | ヿ        |          |          |          |          |          | $\neg$    | ヿ        |
| 32                | + +           |         | $\vdash$            | -+-             | +             | $\vdash$                | ┪        |       | 82       | Н               | $\dashv$ | _       | 1        | +   |               | +           | 1        |          | 132        |                 |          |          |          |          |          |          | $\neg$    | ᅱ        |
| 33                | +             | -       |                     | _               | $\top$        | $\vdash$                | ┪        |       | 83       | П               |          |         |          |   |               | T-          | 1        |          | 133        |                 | 一        |          |          |          |          |          |           | $\neg$   |
| 34                | † †           |         | H                   |                 | $\dashv$      |                         | ┪        |       | 84       | П               | $\neg$   |         | 1        |   | $\neg \vdash$ | 1           | 1        |          | 134        |                 |          |          |          |          |          |          |           |          |
| 35                | + +           |         | H                   | $\neg \uparrow$ |               |                         | ᅦ        |       | 85       | П               | 一        |         |          |   |               |             |          |          | 135        |                 |          |          |          |          |          |          |           |          |
| 36                |               |         |                     |                 | $\top$        | $\sqcap$                | $\neg$   |       | 86       |                 | $\neg$   |         |          |   |               |             | ]:::::   |          | 136        |                 |          |          |          |          |          |          |           |          |
| 37                | ++            | $\neg$  |                     |                 | $\top$        |                         | $\neg$   |       | 87       |                 |          |         |          |   |               |             |          |          | 137        |                 |          |          |          |          |          |          |           |          |
| 38                | 11            |         | П                   | $\neg \uparrow$ | $\top$        |                         |          |       | 88       |                 |          |         |          |   |               |             | ];;;;;   |          | 138        |                 |          |          |          |          |          |          |           |          |
| 39                | 77            |         |                     |                 |               |                         | $\neg$   |       | 89       |                 |          |         |          |   |               |             |          |          | 139        |                 |          |          |          |          |          |          | $\Box$    | _]       |
| 40                |               |         |                     |                 |               |                         |          |       | 90       |                 |          |         |          |   | $\bot$        |             | <b>.</b> |          | 140        | ╚               | I        |          |          | Ш        | Ш        |          | $\Box$    |          |
| 41                |               | $\Box$  |                     | $\Box$          |               |                         |          |       | 91       |                 | $\Box$   |         |          |   |               |             | ]        |          | 141        | Ш               |          |          |          | Ш        | Щ        |          |           |          |
| 42                |               |         |                     |                 |               |                         |          |       | 92       |                 | $\Box$   |         |          | $oxedsymbol{oxedsymbol{oxedsymbol{\square}}}$ |               |             |          |          | 142        | Ш               | [        |          | $\Box$   | Ш        |          |          |           |          |
| 43                |               |         |                     |                 |               |                         |          |       | 93       |                 | _]       |         |          |   |               | $\perp$     | 1        | L        | 143        | Ш               |          |          |          | Ш        | Ш        |          | $\dashv$  |          |
| 44                |               |         |                     |                 |               |                         |          |       | 94       | $\square$       | I        |         |          |   | $\perp$       |             | 1        |          | 144        | Ш               |          |          |          |          | Щ        |          | $\dashv$  |          |
| 45                |               |         |                     |                 |               |                         | ╝        |       | 95       |                 |          |         |          | $\sqcup$                                      |               |             | 1        | L        | 145        | Ш               | _        |          | Ш        | Щ        | Ш        |          | $\perp$   |          |
| 46                |               |         |                     |                 |               |                         |          |       | 96       |                 |          |         |          | Ш   | $\perp$       |             | 1        |          | 146        | Ш               |          |          | Щ        | Ш        | Ш        |          | $\Box$    |          |
| 47                |               |         |                     |                 |               |                         |          |       | 97       |                 | $\Box$   |         |          | $\sqcup$                                      | _             | _           | 1        | <u> </u> | 147        | Ш               | _        |          |          | Ш        | Ш        | $\sqcup$ |           |          |
| 48                |               |         |                     |                 |               |                         | ╝        |       | 98       | Ш               | [        |         |          |   |               |             |          | <u> </u> | 148        | Ш               | _        |          | L        | Щ        |          | $\sqcup$ | $\square$ | _        |
| 49                |               |         |                     |                 |               |                         |          |       | 99       |                 | I        |         |          | $oxed{oxed}$                                  |               | $\perp$     | 1        | <u> </u> | 149        | Ш               |          |          |          |          |          | $\sqcup$ |           |          |
| 50                | $\perp \perp$ |         | $\Box$              |                 |               | oxdot                   |          |       | 100      | Ш               |          | $\perp$ | _        | ┸   | L             |             | ]:::::   | L        | 150        | Ш               |          |          |          | Ш        |          |          |           |          |